

Amendments to the Specification:

Please replace paragraphs [0048M] and [0048S] in their entirety with the following paragraphs, wherein markings are included to show changes made.

[0048M] Another preferred embodiment for implementing the present system and method is shown in connection with Fig. 11. As in Fig. 10, adaptable cache 600 in Fig. 11 also resides as a device connected to the host side I/O bus 106B. In this embodiment, however, adaptable cache 600 is preferably integrated with network interface 130. The adaptable cache 600 preferably interconnect with the host side I/O bus 106B via interface connection 146. Preferred physical specifications for the adaptable cache in this preferred embodiment comprise:

- the form factor of a network interface card (e.g., a peripheral component interconnect or **[[PC1]] PCI** card) which may be plugged into an available expansion slot on the host system (e.g., a **[[PC1]] PCI** slot);
- storage capacity in excess of 1 gigabyte (GB) using replaceable commercially off-the-shelf memory **modules**, (such as dual inline memory modules -DIMMs) or fixed memory circuits; and
- conformity to **[[PC1]] PCI** hot-swap specifications to allow the adaptable cache to be removed from service while the host system is in operation. As noted above, the storage size of the adaptable cache can therefore be altered through a hot-swap without disrupting the operation of the media server.

[0048S] Another preferred embodiment for implementing the present system and method is shown in Fig. 13. In the embodiment of Fig. 13, adaptable cache 600 is integrated with controller 128, bridging I/O buses 106A, B. In this embodiment, adaptable cache 600 preferably plugs into an expansion slot on the host system and provides multiple standard high-speed interfaces, such as bridging Fibre Channel and PCI I/O interfaces. In this embodiment, preferred physical specifications of the adaptable cache may include:

- the form factor of a peripheral component interconnect (PCI) card;

- storage capacity in excess of 1 gigabyte (GB) using replaceable commercially off-the-shelf memory modules (such as dual inline memory modules - DIMMs) or fixed memory circuits; and
- conformity to **[[PCI]] PCI** hot-swap specifications to allow the adaptable cache to be removed from service while the host system is in operation. As noted above, the storage size of the adaptable cache can therefore be altered through a hot-swap without disrupting the operation of the media server.